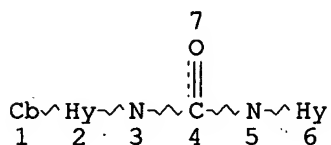


=> d l1
L1 HAS NO ANSWERS
L1 STR



NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
GGCAT IS MCY LOQ AT 2
GGCAT IS MCY LOQ AT 6
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 7

STEREO ATTRIBUTES: NONE

=> s l1 ful
FULL SEARCH INITIATED 17:59:02 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 742071 TO ITERATE

100.0% PROCESSED 742071 ITERATIONS
SEARCH TIME: 00.00.09

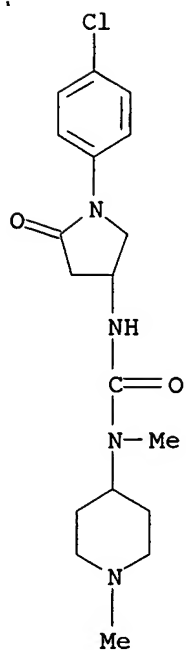
300 ANSWERS

L3 300 SEA SSS FUL L1

=> s l3 and pyrrolidin?
587764 PYRROLIDIN?
L4 17 L3 AND PYRROLIDIN?

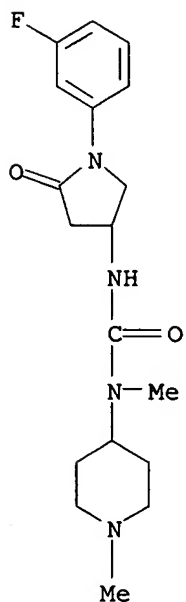
=> d 1-17

L4 ANSWER 1 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
RN 887212-58-0 REGISTRY
ED Entered STN: 08 Jun 2006
CN Urea, N'-[1-(4-chlorophenyl)-5-oxo-3-pyrrolidinyl]-N-methyl-N-(1-methyl-4-piperidinyl)- (9CI) (CA INDEX NAME)
MF C18 H25 Cl N4 O2
SR Chemical Library
Supplier: Aurora Fine Chemicals



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

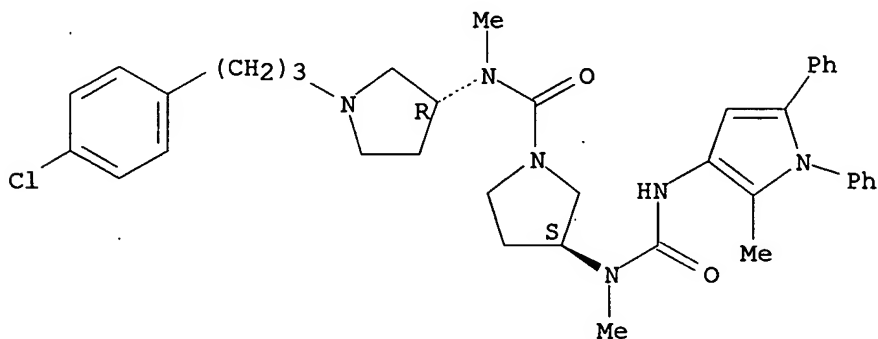
L4 ANSWER 2 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 887212-46-6 REGISTRY
 ED Entered STN: 08 Jun 2006
 CN Urea, N'-[1-(3-fluorophenyl)-5-oxo-3-pyrrolidinyl]-N-methyl-N-(1-methyl-4-piperidinyl)- (9CI) (CA INDEX NAME)
 MF C18 H25 F N4 O2
 SR Chemical Library
 Supplier: Aurora Fine Chemicals



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 ANSWER 3 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
RN 762279-19-6 REGISTRY
ED Entered STN: 14 Oct 2004
CN 1-Pyrrolidinecarboxamide, N-[(3R)-1-[3-(4-chlorophenyl)propyl]-3-pyrrolidinyl]-N-methyl-3-[methyl[(2-methyl-1,5-diphenyl-1H-pyrrol-3-yl)amino]carbonyl]amino]-, (3S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C38 H45 Cl N6 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

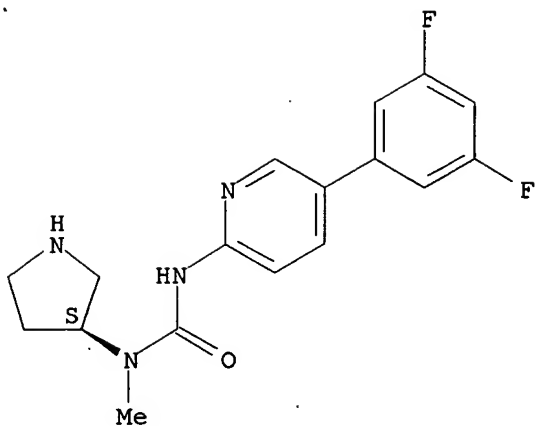


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 4 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
RN 757181-07-0 REGISTRY
ED Entered STN: 06 Oct 2004
CN Urea, N'-[5-(3,5-difluorophenyl)-2-pyridinyl]-N-methyl-N-(3S)-3-pyrrolidinyl- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C17 H18 F2 N4 O
CI COM
SR CA

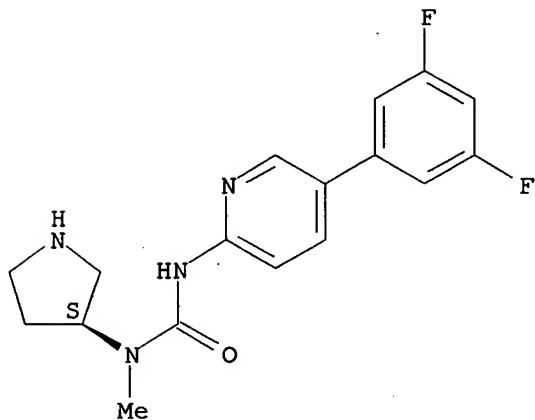
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 ANSWER 5 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 438585-79-6 REGISTRY
 ED Entered STN: 16 Jul 2002
 CN Urea, N'-[5-(3,5-difluorophenyl)-2-pyridinyl]-N-methyl-N-(3S)-3-pyrrolidinyl-, monohydrochloride (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C17 H18 F2 N4 O . Cl H
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL
 CRN (757181-07-0)

Absolute stereochemistry.



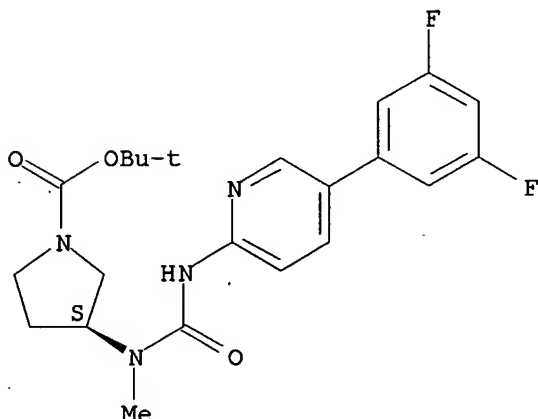
● HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 6 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 438585-78-5 REGISTRY

ED Entered STN: 16 Jul 2002
 CN 1-Pyrrolidinecarboxylic acid, 3-[[[5-(3,5-difluorophenyl)-2-pyridinyl]amino]carbonyl]methylamino]-, 1,1-dimethylethyl ester, (3S)-(9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C22 H26 F2 N4 O3
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

Absolute stereochemistry.

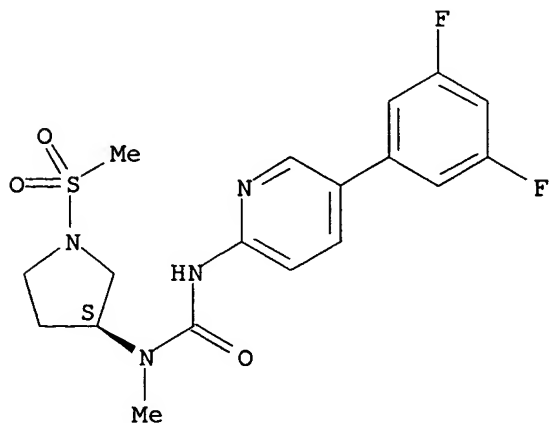


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 7 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 438584-49-7 REGISTRY
 ED Entered STN: 16 Jul 2002
 CN 3-Pyrrolidinamine, N-[[[5-(3,5-difluorophenyl)-2-pyridinyl]amino]carbonyl]-N-methyl-1-(methylsulfonyl)-, (3S)-(9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C18 H20 F2 N4 O3 S
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

Absolute stereochemistry.

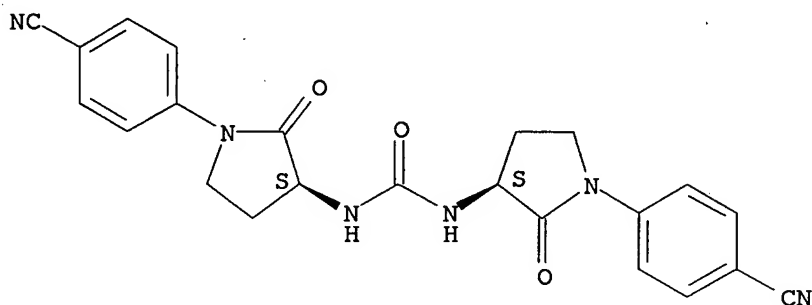


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 8 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
RN 292171-43-8 REGISTRY
ED Entered STN: 03 Oct 2000
CN Urea, N,N''-bis[(3S)-1-(4-cyanophenyl)-2-oxo-3-pyrrolidinyl]-
(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C23 H20 N6 O3
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

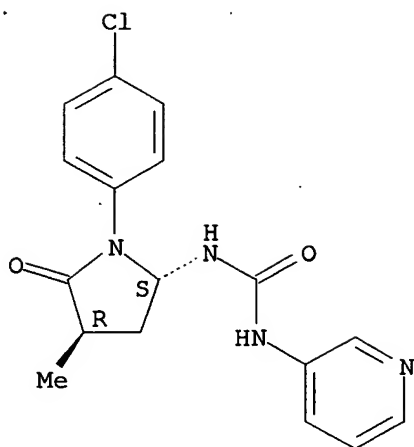


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 9 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
RN 284038-71-7 REGISTRY
ED Entered STN: 08 Aug 2000
CN Urea, N-[(2R,4S)-1-(4-chlorophenyl)-4-methyl-5-oxo-2-pyrrolidinyl]-N'-
3-pyridinyl-, rel- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C17 H17 Cl N4 O2
SR CA
LC STN Files: CA, CAPLUS

Relative stereochemistry.

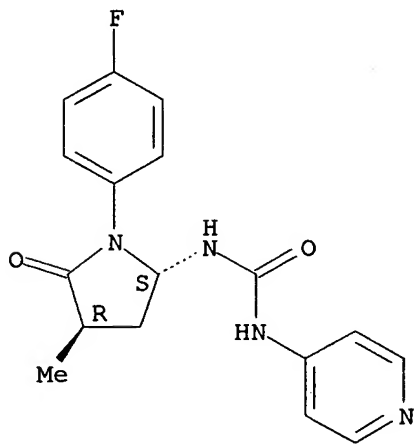


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 10 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
RN 284038-69-3 REGISTRY
ED Entered STN: 08 Aug 2000
CN Urea, N-[(2R,4S)-1-(4-fluorophenyl)-4-methyl-5-oxo-2-pyrrolidinyl]-N'-4-pyridinyl-, rel- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C17 H17 F N4 O2
SR CA
LC STN Files: CA, CAPLUS

Relative stereochemistry.



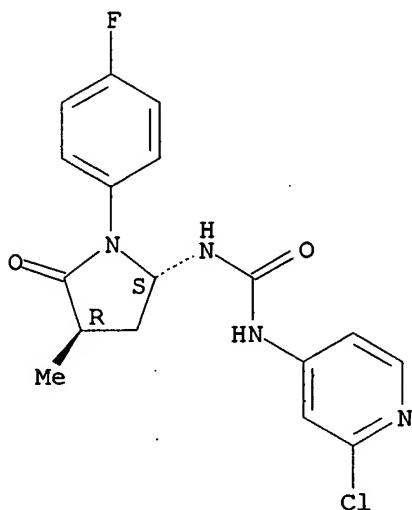
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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 11 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
RN 284038-67-1 REGISTRY

ED Entered STN: 08 Aug 2000
 CN Urea, N-(2-chloro-4-pyridinyl)-N'-[(2R,4S)-1-(4-fluorophenyl)-4-methyl-5-oxo-2-pyrrolidinyl]-, rel- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C17 H16 Cl F N4 O2
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

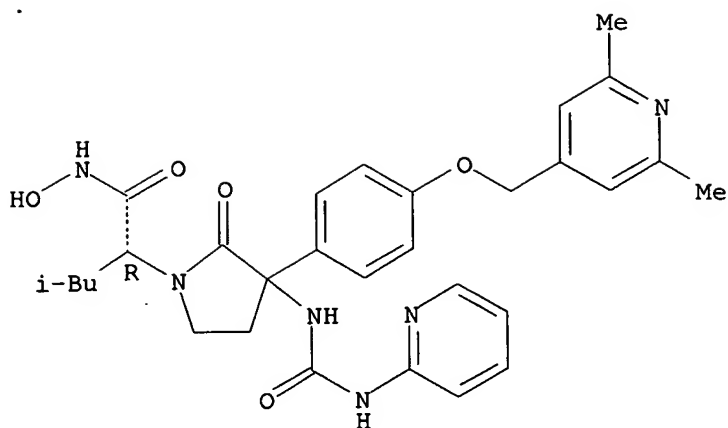
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 12 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 223404-10-2 REGISTRY
 ED Entered STN: 21 May 1999
 CN 1-Pyrrolidineacetamide, 3-[4-[(2,6-dimethyl-4-pyridinyl)methoxy]phenyl]-N-hydroxy- α -(2-methylpropyl)-2-oxo-3-[[2-pyridinylamino)carbonyl]amino]-, (α R)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C30 H36 N6 O5 . C2 H F3 O2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

CM 1

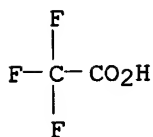
CRN 223403-62-1
 CMF C30 H36 N6 O5

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2



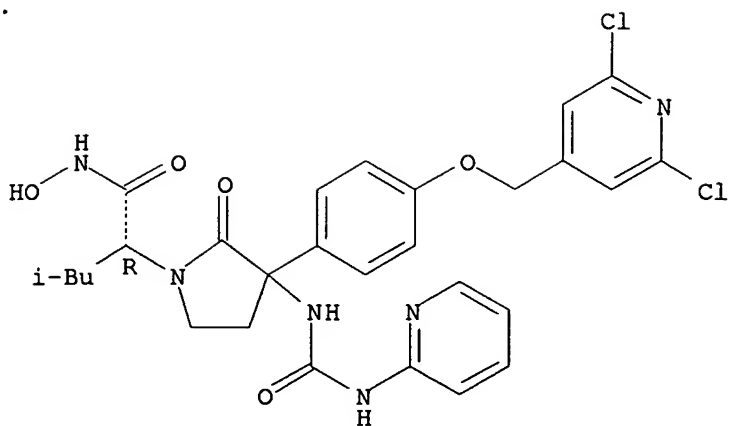
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 13 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
RN 223404-08-8 REGISTRY
ED Entered STN: 21 May 1999
CN 1-Pyrrolidineacetamide, 3-[4-[(2,6-dichloro-4-pyridinyl)methoxy]phenyl]-N-hydroxy- α -(2-methylpropyl)-2-oxo-3-[[2-(pyridinylamino)carbonyl]amino]-, (α R)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H30 Cl2 N6 O5 . C2 H F3 O2
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

CM 1

CRN 223403-60-9
CMF C28 H30 Cl2 N6 O5

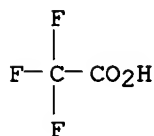
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 14 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN

RN 223403-62-1 REGISTRY

ED Entered STN: 21 May 1999

CN 1-Pyrrolidineacetamide, 3-[4-[(2,6-dimethyl-4-pyridinyl)methoxy]phenyl]-N-hydroxy- α -(2-methylpropyl)-2-oxo-3-[(2-pyridinylamino)carbonyl]amino]-, (α R)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

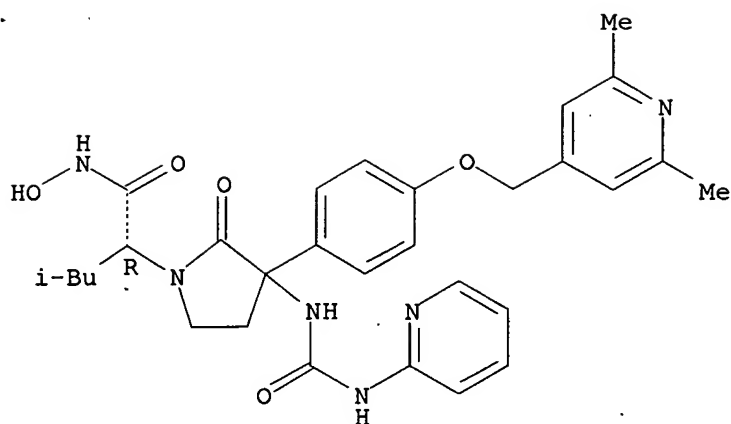
MF C30 H36 N6 O5

CI COM

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.

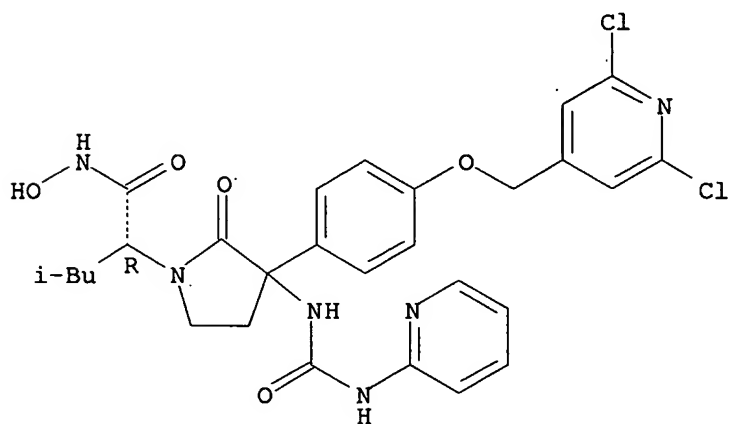


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 15 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
RN 223403-60-9 REGISTRY
ED Entered STN: 21 May 1999
CN 1-Pyrrolidineacetamide, 3-[4-[(2,6-dichloro-4-pyridinyl)methoxy]phenyl]-N-hydroxy-α-(2-methylpropyl)-2-oxo-3-[(2-pyridinylamino)carbonyl]amino]-, (αR)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H30 Cl2 N6 O5
CI COM
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

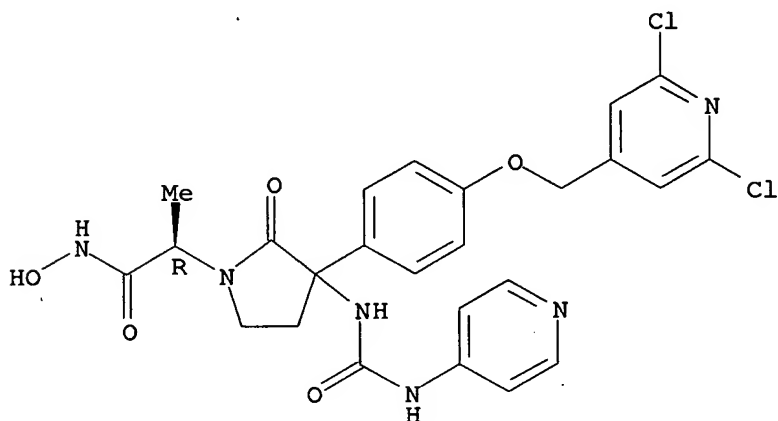
L4 ANSWER 16 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
RN 223403-21-2 REGISTRY

ED Entered STN: 21 May 1999
 CN 1-Pyrrolidineacetamide, 3-[4-[(2,6-dichloro-4-pyridinyl)methoxy]phenyl]-N-hydroxy- α -methyl-2-oxo-3-[[4-pyridinylamino)carbonyl]amino]-, (α R)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C25 H24 Cl2 N6 O5 . C2 H F3 O2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

CM 1

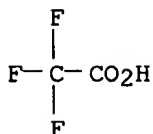
CRN 223403-20-1
 CMF C25 H24 Cl2 N6 O5

Absolute stereochemistry.



CM 2

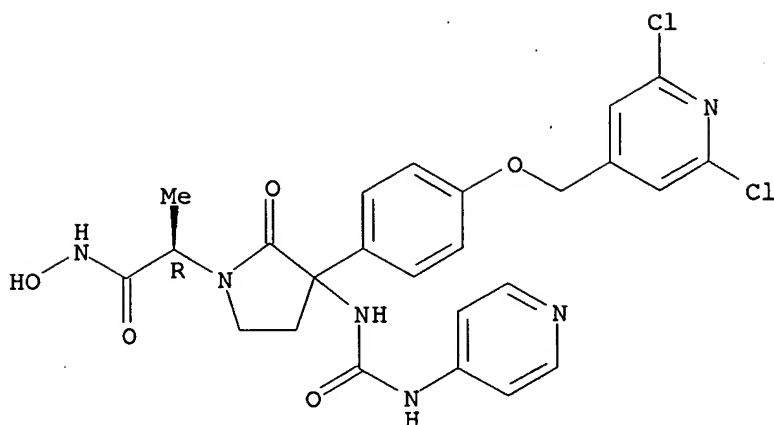
CRN 76-05-1
 CMF C2 H F3 O2



2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 17 OF 17 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 223403-20-1 REGISTRY
 ED Entered STN: 21 May 1999
 CN 1-Pyrrolidineacetamide, 3-[4-[(2,6-dichloro-4-pyridinyl)methoxy]phenyl]-N-hydroxy- α -methyl-2-oxo-3-[[4-pyridinylamino)carbonyl]amino]-, (α R)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C25 H24 Cl2 N6 O5
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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(292171-43-8/RN)
1 887212-46-6
(887212-46-6/RN)
1 887212-58-0
(887212-58-0/RN)
L5 3 292171-43-8 OR 887212-46-6 OR 887212-58-0

=> fil caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
207.52	207.73

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FILE LAST UPDATED: 27 Sep 2006 (20060927/ED)

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=> s 15

L6 1 L5

=> d bib abs hitstr

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:554286 CAPLUS

DN 133:242754

TI Development and validation of a single robust HPLC method for the characterization of a pharmaceutical starting material and impurities from three suppliers using three separate synthetic routes

AU Sheldon, E. M.; Downar, J. B.

CS Searle, Monsanto, Chemical Sciences Analytical Department, Skokie, IL, 60077, USA

SO Journal of Pharmaceutical and Biomedical Analysis (2000), 23(2-3), 561-572
CODEN: JPBADA; ISSN: 0731-7085

PB Elsevier Science B.V.

DT Journal

LA English

AB Novel approaches to the development of anal. procedures for monitoring incoming starting material in support of chemical/pharmaceutical processes are described. High technol. solns. were utilized for timely process development and preparation of high quality clin. supplies. A single robust HPLC method was developed and characterized for the anal. of the key starting material from three suppliers. Each supplier used a different process for the preparation of this material and, therefore, each suppliers' material exhibited a unique impurity profile. The HPLC method utilized standard techniques acceptable for release testing in a QC/manufacturing environment. An automated exptl. design protocol was used to characterize the robustness of the HPLC method. The method was evaluated for linearity, limit of quantitation, solution stability, and precision of replicate injections. An LC-MS method that emulated the release HPLC method was developed and the identities of impurities were mapped between the two methods.

IT 292171-43-8

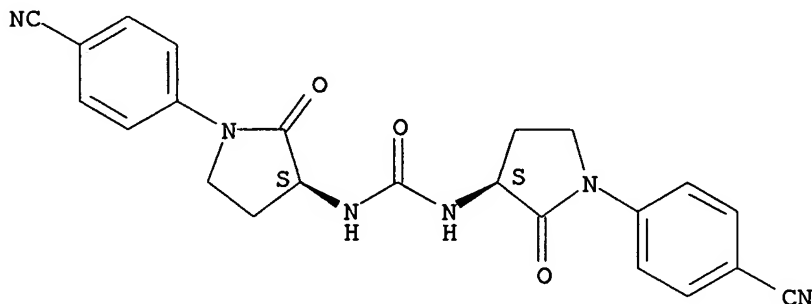
RL: ANT (Analyte); ANST (Analytical study)

(development and validation of robust HPLC method for characterization of pharmaceutical starting material and impurities from three suppliers using three sep. synthetic routes)

RN 292171-43-8 CAPLUS

CN Urea, N,N''-bis[(3S)-1-(4-cyanophenyl)-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD